

Form PTO-1449 U.S. Department of Commerce  
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.  
36217/US/2-475387-191

Serial No.  
10/551,735

**INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT**  
(Use several sheets if necessary)

Applicant(s)  
Guillermo J. Tearney et al

Filing Date  
September 29, 2005

Confirmation No.  
6550

**U.S. PATENT DOCUMENTS**

*Exam. Init.		Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
		5	5	6	5	9	8	6	October 15, 1996	Knuttel*			
	2005	0	0	4	6	8	3	7	March 3, 2005	Izumi et al**			
		6	5	3	8	8	1	7	March 25, 2003	Farmer et al***			
		6	5	0	1	5	5	1	December 31, 2002	Tearney et al***			
	2006	0	1	0	3	8	5	0	May 18, 2006	Alphonse et al***			
		6	0	4	5	5	1	1	April 4, 2000	Lutz et al*****l			
	2004	0	1	5	2	9	8	9	August 5, 2004	Puttappa et al*****			
		5	2	1	2	6	6	7	May 18, 1993	Tomlinson et al.*****			
	2004	0	1	2	6	0	4	8	July 1, 2004	Dave et al*****			
		6	7	3	8	1	4	4	May 18, 2004	Dogariu et al*****			
	2006	0	2	4	4	9	7	3	November 2, 2006	Yun et al*****			
		5	7	4	8	3	1	8	May 5, 1998	Maris et al*****			
		5	0	8	5	4	9	6	February 4, 1992	Yoshida et al*****			
		6	4	4	5	4	8	5	September 3, 2002	Frigo et al*****			
		5	6	3	5	8	3	0	June 3, 1997	Itoh *****			
		5	1	2	1	9	8	3	June 16, 1992	Lee*****			
		4	9	0	9	6	3	1	March 20, 1990	Tan et al*****			
		4	8	9	0	9	0	1	January 2, 1990	Cross Jr.*****			
		5	3	1	7	3	8	9	May 31, 1994	Hochberg et al*****			
		6	8	3	9	4	9	6	January 4, 2005	Mills et al*****			
		4	1	4	0	3	6	4	February 20, 1979	Yamashita et al CE			
		5	9	1	2	7	6	4	June 15, 1999	Togino CE			

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		3	0	9	0	7	5	3	May 21, 1963	Matuszak et al CE			
	200	5	0	3	5	2	9	5	February 17, 2005	Bouma et al CECE			
		3	8	7	2	4	0	7	March 18, 1975	Hughes CECE			
		4	7	5	1	7	0	6	June 14, 1988	Rohde et al CECE			
		4	2	2	4	9	2	9	September 30, 1980	Furihata CECECE			
		4	6	5	0	3	2	7	March 17, 1987	Ogi CECECE			
		4	7	4	4	6	5	6	May 17, 1988	Moran et al CECECE			
		5	6	4	9	9	2	4	July 22, 1997	Everett et al CECECE			
		6	2	4	5	0	2	6	June 12, 2001	Campbell et al CECECE			
		6	4	7	5	2	1	0	November 5, 2002	Phelps et al CECECE			
		6	4	7	5	1	5	9	November 5, 2002	Casscells et al CECECE			
	2002	0	1	8	3	6	2	3	December 5, 2002	Tang et al CECECE			
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	200	3	0	9	7	0	4	8	May 22, 2003	Ryan et al CECECE			
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		6	9	4	9	0	7	2	September 27, 2005	Furnish et al CECECE			
		7	1	9	0	4	6	4	March 13, 2007	Alphonse CECECE			
		7	2	4	2	4	8	0	July 10, 2007	Alphonse CECECE			
	200	4	0	5	4	2	6	8	March 18, 2004	Esenaliev et al CECECECE			
	200	4	0	7	7	9	4	9	April 22, 2004	Blofgett et al CECECECE			
	2002	0	1	4	0	9	4	2	October 3, 2002	Fee et al CECECECE			

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		5	2	1	4	5	3	8	May 25, 1993	Lobb	EEEEEE			
		6	2	9	7	0	1	8	October 2, 2001	French et al.	EEEEEE			
	200	4	0	7	2	2	0	0	April 15, 2004	Rigler et al	EEEEEE			
	2003	0	1	0	8	9	1	1	June 12, 2003	Klimant et al	EEEEEE			
	2002	0	1	5	8	2	1	1	October 31, 2002	Gillispie	EEEEEE			
		5	9	5	5	7	3	7	September 21, 1999	Hallidy et al	EEEEEE			
		7	3	6	6	3	7	6	April 29, 2008	Shishkov et al	EEEEEE			
		7	3	5	9	0	6	2	April 15, 2008	Chen et al	EEEEEE			
	2003	0	2	2	0	7	4	9	November 27, 2003	Chen et al	EEEEEE			
	2004	0	2	3	9	9	3	8	December 2, 2004	Izatt	EEEEEE			
	2005	0	1	7	1	4	3	8	August 4, 2005	Chen et al.	EEEEEE			
		7	0	6	1	6	2	2	June 13, 2006	Rollins et al.	EEEEEE			
		5	3	1	8	0	2	4	June 7, 1994	Kittrell et al	EEEEEE			
	2007	0	0	1	9	2	0	8	January 25, 2007	Toida et al	EEEEEE			
	2007	0	2	9	1	2	7	7	December 20, 2007	Everett et al	EEEEEE			
		7	3	5	5	7	1	6	April 8, 2008	De Boer et al	EEEEEE			
		7	3	9	1	5	2	0	June 24, 2008	Zhou et al	EEEEEE			
	200	6	1	4	6	3	3	9	July 6, 2006	Fujita et al	Ω			
		4	8	3	4	1	1	1	May 30, 1989	Khanna et al.	ΩΩ			
	200	4	2	6	3	8	4	3	December 30, 2004	Knopp et al.	ΩΩΩ			
		6	0	2	0	9	6	3	February 1, 2000	Dimarzio et al	ΩΩΩΩ			

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		Document No.							Date	Country	Class	SubClass	Translator	
													Yes	No
		9	2	1	6	8	6	5	October 1, 1993	WIPO****				
		0	7	2	8	4	4	0	August 28, 1996	Europe*****				
	200	7	0	2	8	5	3	1	March 15, 2007	WIPO*****				
	199	8	0	4	8	8	4	6	November 5, 1998	WIPO*****				
	200	3	1	0	5	6	7	8	December 24, 2003	WIPO*****				
	200	6	0	3	9	0	9	1	April 13, 2006	WIPO*****				
		9	2	1	6	8	6	5	October 1, 1992	WIPO E				
		1	3	2	4	0	5	1	July 2, 2003	Europe EEEEEE				
	200	7	0	8	3	1	3	8	July 26, 2007	WIPO EEEEEEEE				
		0	6	1	7	2	8	6	February 16, 1994	Europe EEEEEEEE				
	200	6	0	5	9	1	0	9	June 8, 2006	WIPO EEEEEEEE				
		7	9	0	0	8	4	1	October 18, 1979	WIPO ΩΩ				
		9	8	0	0	0	5	7	January 8, 1998	WIPO ΩΩΩ				

\*Reference cited in Office Action dated October 1, 2008 for U.S. Patent Application No. 11/955,986

\*\*References cited in Invitation to Pay Additional Fees dated August 7, 2008 for International Application No. PCT/US2008/062354

\*\*\*References cited in Invitation to Pay Additional Fees dated July 29, 2008 for International Application No. PCT/US2007/081982

\*\*\*\*References cited in International Search Report and Written Opinion dated March 7, 2006 for International Search Report for PCT/US2005/035711

\*\*\*\*\*References cited in International Search Report and Written Opinion dated July 18, 2008 for International Application No. PCT/US2008/05733

\*\*\*\*\*References cited in International Search Report and Written Opinion dated July 4, 2008 for International Application No. PCT/US2008/051432

\*\*\*\*\*References cited in Office Action dated June 30, 2008 for U.S. Patent Application No. 11/670,058

\*\*\*\*\*References cited in Office Action dated July 7, 2008 for U.S. Patent Application No. 10/551,735

\*\*\*\*\*References cited in Australian Examiners Report dated May 27, 2008 for Australian Patent Application no 2003210669

\*\*\*\*\*References cited in Notice of Allowance mailed June 4, 2008 for U.S. patent application no. 11/174,425

E References cited in European Communication dated May 15, 2008 for European patent application no. 05819917.5

EE References cited in International Search Report and Written Opinion dated June 10, 2008 for International Application No. PCT/US2008/051335

EEEE References cited in Office Action dated August 21, 2008 for U.S. patent application no. 11/505,700

EEEEEE References cited in International Search Report and Written Opinion dated July 17, 2008 for International Application no. PCT/US2008/057450

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References cited in International Search Report and Written Opinion dated May 26, 2008 for International Application No. PCT/US2008/051404  
References cited in Office Action dated August 25, 2008 for U.S. patent application no. 11/264,655  
References cited in Office Action dated September 11, 2008 for U.S. patent application no. 11/624,334  
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References cited in Office Action dated August 21, 2008 for U.S. patent application no. 11/956,079  
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Reference cited in International Search Report and Written Opinion dated August 27, 2008 for International Application No. PCT/US2008/060600  
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		Liptak David C. et al., (2007) "On the Development of a Confocal Rayleigh-Brillouin Microscope" <i>American Institute of Physics</i> Vol 78, 016106, **
		Copy of Office Action mailed October 1, 2008 for U.S. Patent Application No. 11/955,986
		Copy of Invitation of Pay Additional Fees mailed August 7, 2008 for International Application No. PCT/US2008/062354
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		Copy of International Search Report and Written Opinion mailed March 7, 2006 for PCT/US2005/035711
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		Richards G.J. et al. (1997) "Laser Speckle Contrast Analysis (LASCA): A Technique for Measuring Capillary Blood Flow Using the First Order Statistics of Laser Speckle Patterns" April 2, 1997*****

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		Motaghian Nezam, S.M.R. (2007) "increased Ranging Depth in optical Frequency Domain Imaging by Frequency Encoding" <i>Optics Letters</i> , Vol 32, No. 19, October 1, 2007.
		Copy of Office Action dated June 30, 2008 for U.S. Patent Application No. 11/670,058
		Copy of Office Action dated July 7, 2008 for U.S. Patent Application no. 10/551,735
		Copy of Australian Examiner's Report mailed May 27, 2008 for Australian patent application no. 2003210669
		Copy of Notice of Allowance mailed June 4, 2008 for U.S. Patent application no. 11/174,425
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		Oh, W.Y. et al (2006) "Ultrahigh-Speed Optical Frequency Domain Imaging and Application to laser Ablation Monitoring" <i>Applied Physics Letters</i> , Vol 88. ☺☺
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		Copy of International Search Report and Written Opinion dated July 17, 2008 for International Application no PCT/US2008/057450
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		US National Library of Medicine (NLM), Bethesda, MD, US; October 2007 (2007-10), "Abstracts of the 19 <sup>th</sup> Annual Symposium of Transcatheter Cardiovascular Therapeutics, October 20-25, 2007, Washington, DC, USA." ΩΩΩΩΩ
		Copy of International Search Report and Written Opinion dated May 26, 2008 for International Application no PCT/US2008/051404
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		Database Biosis Biosciences Information Service, Philadelphia, PA, US; October 2006, Yelin D. et al: "Three-Dimensional Miniature Endoscopy" ΩΩ

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		Copy of Notification of the international Preliminary Report on Patentability mailed October 21, 2005
		Shim M.G. et al., "Study of Fiber-Optic Probes For In vivo Medical Raman Spectroscopy" Applied Spectroscopy, Vol. 53, No. 6, June 1999 ΩΩΩ
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		Jun Zhang et al. "Full Range Polarization-Sensitive Fourier Domain Optical Coherence Tomography" Optics Express, Vol. 12, No. 24. November 29, 2004 ΩΩΩΩ
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		Copy of Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability dated October 13, 2005 for PCT/US04/10152

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